



PORTION 29
OF FARM
WTPOORT
NO. 394-IP

PORTION 19 OF FARM
DOORNHOEK NO. 372-IP

PORTION 11 OF FARM
DOORNHOEK NO. 372-IP

PORTION 18 OF FARM
DOORNHOEK NO. 372-IP

Project: Doornhoek PV
Portion: 18 (Remaining Extent)
Farm Number: 372
Registration Division: IP
POC: Doornhoek 132 kV Switching Station
Title: Development Layout Map
Coordinate System: UTM WGS 84 (Zone 35 S)
Scale: 1: 8 500
Date: March 2023
Drawn by: MCJ
Sheet 1 of 1

- GENERAL NOTES:**
- Layout is subject to change based on future modelling and considerations.
 - No on-site accommodation is anticipated for construction purposes. No additional off-site facilities planned at this stage.
 - Medium voltage cables to be laid underground where possible and within the project footprint.
 - Project to connect to the Eskom Grid via a LILO onto the Watershed / Klerksdorp North 1 132 kV OHL.
 - Perimeter fence will surround the facility.
 - Transformers/Inverters to be placed within the footprint between internal roads and PV module tables.
 - All areas outside of perimeter fence and access roads are considered no-go areas for construction.
 - Doornhoek PV is made up of two Environmental Authorisations (14/12/16/3/3/1/2548 & 14/12/16/3/3/1/2549).
 - Artificial Water Point (avifauna sensitivity) will be relocated.
 - PV panels will have a maximum height of 2.5m above the ground.

Sensitive Areas

- Visually Sensitive Areas
- Avifaunal Sensitivity (artificial livestock watering point)
- 2km Secretarybird Nest Buffer
- Highly Sensitive Vegetation (Vaal-Vet Sandy Grassland)
- Hills/ Ridges
- External 50m Visual buffer

UTM WGS84 (Zone 35 S)		
Point	Easting	Northing
A	462145,36	7043779,07
B	463961,64	7044288,78
C	464186,28	7044161,87
D	464186,90	7043757,11
E	464311,01	7043694,37
F	464448,66	7043694,31
G	464559,79	7043757,23
H	464641,06	7043831,85
I	464671,36	7043929,75
J	464696,93	7043929,75
K	464697,16	7044200,88
L	464611,44	7044270,20
M	464611,44	7044362,28
N	464659,95	7044475,12
O	465243,08	7044630,75
P	465277,68	7044133,14
Q	465003,35	7044120,46
R	464913,39	7043731,65
S	464780,44	7043731,65
T	464780,44	7043573,46
U	464918,11	7043566,29
V	464853,89	7042738,74
W	464524,62	7042734,31
X	463914,13	7043469,53
Y	463774,45	7043463,49
Z	462676,03	7043143,54
AA	462537,51	7043051,73
BB	462339,57	7042993,99

